

## REMARKS

The several rejections of Claims 1-3, 5-11 and 16-21, to the extent not moot by cancellation of certain claims, based on Kosaka et al., Ankersmit et al. Rosen et al. and Sakamoto et al. under 35 USC § 102 and on combinations of Rosen et al. with Lowther et al. and of Sakamoto et al. with Kato et al. under 35 USC § 103 are traversed. Reconsideration of each of these rejections is requested in light of new Claim 22.

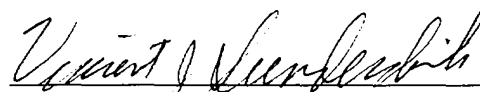
None of the cited prior art teaches or suggest switching of reactions for temperature control and attaining high efficiency based on operating conditions in an internal combustion engine or automotive environment. This is the case whether the references are considered individually or in hypothetical combination. Accordingly, early and favorable action is solicited.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #381NP/49752).

Respectfully submitted,

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